What is claimed is:

CLAIMS

1.   A method comprising:

if an amount of data requested to be transferred by a data transfer request according to a first protocol exceeds a maximum data transfer amount permitted to be requested by a single data transfer request according to a second protocol, generating one data transfer request according to the second protocol and a data structure, the one data transfer request requesting transfer of a portion of the data, the data structure comprising one or more values identifying, at least in part, another portion of the data; and

modifying, at least in part, another data structure based, at least in part, upon the one or more values, the another data structure comprising, prior to the modifying, at least in part, of the another data structure, one or more other values indicating, at least in part, one or more parameters of the one data transfer request.

2.   The method of claim 1, further comprising:

issuing the one data transfer request to storage.

3.   The method of claim 1, wherein:

the one or more values indicate, at least in part, at least one of:

a number of data transfer requests according to the second protocol that, when executed, result in transfer of the data; and

an identification of the one data transfer request.

4.   The method of claim 1, wherein:

the first protocol comprises a Small Computer Systems Interface (SCSI) protocol; and

the second protocol comprises a Serial Advanced Technology Attachment (SATA) protocol.

5.   The method of claim 1, further comprising:

issuing the one data transfer request; and

after the modifying, at least in part, of the another data structure, issuing another data transfer request according to the second protocol, the another data structure comprising, after the modifying, at least in part, of the another data structure, one or more additional values indicating, at least in part, one or more parameters of another data transfer request.

6.   The method of claim 1, wherein:

the another portion of the data is identified, at least in part, in terms of at least one of one or more sectors of storage and an address value.

7.   An apparatus comprising:

circuitry to generate, if an amount of data requested to be transferred by a data transfer request according to a first protocol exceeds a maximum data transfer amount permitted to be requested by a single data transfer request according to a second protocol, one data transfer request according to the second protocol and a data structure, the one data transfer request requesting transfer of a portion of the data, the data structure comprising one or more values identifying, at least in part, another portion of the data, the circuitry also being capable of modifying, at least in part, another data structure based, at least in part, upon the one or more values, the another data structure comprising, prior to

the modifying, at least in part, of the another data structure, one or more other values indicating, at least in part, one or more parameters of the one data transfer request.

8.   The apparatus of claim 7, wherein:

the circuitry is capable of issuing the one data transfer request to storage.

9.   The apparatus of claim 7, wherein:

the one or more values indicate, at least in part, at least one of:

a number of data transfer requests according to the second protocol that, when executed, result in transfer of the data; and

an identification of the one data transfer request.

10.   The apparatus of claim 7, wherein:

the first protocol comprises a Small Computer Systems Interface (SCSI) protocol; and

the second protocol comprises a Serial Advanced Technology Attachment (SATA) protocol.

11.   The apparatus of claim 7, wherein:

the circuitry is also capable of issuing the one data transfer request and, after the modifying, at least in part, of the another data structure, issuing another data transfer request according to the second protocol, the another data structure comprising, after the modifying, at least in part, of the another data structure, one or more additional values indicating, at least in part, one or more parameters of another data transfer request.

12.   The apparatus of claim 7, wherein:

the another portion of the data is identified, at least in part, in terms of at least one of one or more sectors of storage and an address value.

13.   An article comprising:

a storage medium having stored therein instructions that when executed by a machine result in the following:

if an amount of data requested to be transferred by a data transfer request according to a first protocol exceeds a maximum data transfer amount permitted to be requested by a single data transfer request according to a second protocol, generating one data transfer request according to the second protocol and a data structure, the one data transfer request requesting transfer of a portion of the data, the data structure comprising one or more values identifying, at least in part, another portion of the data; and

modifying, at least in part, another data structure based, at least in part, upon the one or more values, the another data structure comprising, prior to the modifying, at least in part, of the another data structure, one or more other values indicating, at least in part, one or more parameters of the one data transfer request.

14.   The article of claim 13, wherein the instructions when executed by the machine also result in:

issuing the one data transfer request to storage.

15.   The article of claim 13, wherein:

the one or more values also indicate, at least in part, at least one of:

a number of data transfer requests according to the second protocol that, when executed, result in transfer of the data; and

an identification of the one data transfer request.

16.   The article of claim 13, wherein:

the first protocol comprises a Small Computer Systems Interface (SCSI) protocol;

and

the second protocol comprises a Serial Advanced Technology Attachment (SATA)

protocol.

17.   The article of claim 13, wherein the instructions when executed by the machine

also result in:

issuing the one data transfer request; and

after the modifying, at least in part, of the another data structure, issuing another

data transfer request according to the second protocol, the another data structure

comprising, after the modifying, at least in part, of the another data structure, one or more

additional values indicating, at least in part, one or more parameters of another data

transfer request.

18.   The article of claim 13, wherein:

the another portion of the data is identified, at least in part, in terms of at least one

of one or more sectors of storage and an address value.

19.   A system comprising:

a circuit board comprising a circuit card slot; and

a circuit card capable of being coupled to the slot, the card comprising circuitry to

generate, if an amount of data requested to be transferred by a data transfer request

according to a first protocol exceeds a maximum data transfer amount permitted to be

requested by a single data transfer request according to a second protocol, one data

transfer request according to the second protocol and a data structure, the one data

transfer request requesting transfer of a portion of the data, the data structure comprising

one or more values identifying, at least in part, another portion of the data, the circuitry

also being capable of modifying, at least in part, another data structure based, at least in

part, upon the one or more values, the another data structure comprising, prior to the

modifying, at least in part, of the another data structure, one or more other values

indicating, at least in part, one or more parameters of the one data transfer request.

20.   The system of claim 19, wherein:

the circuit board also comprises a processor and a bus via which the processor is

coupled to the slot.

21.   The system of claim 19, further comprising:

storage coupled to the card, the circuitry being capable of issuing the one data

transfer request to the storage.

22.   The system of claim 21, wherein:

the storage is capable of executing the one data transfer request.